

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/004761

Box No. I

Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language _____, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the **elements** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1, 2, 6-13 as originally filed/furnished
- pages* 3, 3/1, 4, 5, 5/1 received by this Authority on 20.12.2004
- pages* _____ received by this Authority on _____
- ☒ the claims:
- nos. 2, 3, 7, 9, 10 as originally filed/furnished
- nos.* _____ as amended (together with any statement) under Article 19
- nos.* 1, 4, 6, 8 received by this Authority on 20.12.2004
- nos.* _____ received by this Authority on _____
- ☒ the drawings:
- sheets fig. 1-11 as originally filed/furnished
- sheets* _____ received by this Authority on _____
- sheets* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☒ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☒ the claims, nos. 5
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/004761

Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1. Statement						
Novelty (N)	Claims	1-4, 6-10	YES			
	Claims		NO			
Inventive step (IS)	Claims	1-4, 6-10	YES			
	Claims		NO			
Industrial applicability (IA)	Claims	1-4, 6-10	YES			
	Claims		NO			
2. Citations and explanations (Rule 70.7)						
Document 1: JP 2002-232230 A (Toshiba Corp.), 16 August 2002, paragraphs [0007] to [0099] and fig. 1 to 9 (Family: none)						
Document 2: WO 2001/037374 A1 (Automotive Systems Laboratory, Inc.), 25 May 2001, page 8, line 22 to page 9, line 18 and fig. 10 & US 2002/0003505 A1 & EP 1236245 A1 & JP 2003-514477 A						
Document 3: JP 2581719 Y2 (DX Antenna Co., Ltd.), 17 July 1998, paragraphs [0007] to [0015] and fig. 1 to 8 (Family: none)						
Document 4: JP 2581718 Y2 (DX Antenna Co., Ltd.), 17 July 1998, paragraphs [0007] to [0015] and fig. 1 to 6 (Family: none)						
Document 5: US 6266029 B1 (Datron/Transco Inc.), 24 July 2001, columns 1 to 4 and fig. 1 to 4 & WO 00/038079 A1						
The invention that is set forth in claims 1 to 4 and 6 to 10 is not disclosed in any of the documents that are cited in the international search report, and would not have been obvious to a person skilled in the art.						

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/004761

Box No. VI Certain documents cited

1. Certain published documents (Rule 70.10)

Application No. Patent No.	Publication date (day/month/year)	Filing date (day/month/year)	Priority date (valid claim) (day/month/year)
JP 2003-110350 A [E,X]	11.04.2003	28.09.2001	

2. Non-written disclosures (Rule 70.9)

Kind of non-written disclosure	Date of non-written disclosure (day/month/year)	Date of written disclosure referring to non-written disclosure (day/month/year)
--------------------------------	--	---